

John E O'toole

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

2,379
citations

257357

24
h-index

214721

47
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78
all docs

78
docs citations

78
times ranked

1973
citing authors

#	ARTICLE	IF	CITATIONS
1	Surgical site infection rates after minimally invasive spinal surgery. <i>Journal of Neurosurgery: Spine</i> , 2009, 11, 471-476.	0.9	294
2	MINIMALLY INVASIVE LUMBAR SPINAL DECOMPRESSION IN THE ELDERLY. <i>Neurosurgery</i> , 2007, 60, 503-510.	0.6	180
3	Guideline summary review: an evidence-based clinical guideline for the diagnosis and treatment of degenerative lumbar spondylolisthesis. <i>Spine Journal</i> , 2016, 16, 439-448.	0.6	176
4	Intramedullary Spinal Cord Tumors: Part I—Epidemiology, Pathophysiology, and Diagnosis. <i>Global Spine Journal</i> , 2015, 5, 425-435.	1.2	147
5	Image-Guided Navigation and Robotics in Spine Surgery. <i>Neurosurgery</i> , 2019, 84, 1179-1189.	0.6	145
6	The Development of Minimally Invasive Spine Surgery. <i>Neurosurgery Clinics of North America</i> , 2006, 17, 401-409.	0.8	100
7	Position Statement on Percutaneous Vertebral Augmentation: A Consensus Statement Developed by the Society of Interventional Radiology (SIR), American Association of Neurological Surgeons (AANS) and the Congress of Neurological Surgeons (CNS), American College of Radiology (ACR), American Society of Neuroradiology (ASNR), American Society of Spine Radiology (ASSR), Canadian Interventional Radiology Association (CIRA), and the Society of NeuroInterventional Surgery (SNIS). <i>Journal of Vascular and Interventional Radiology</i>, 2014, 25, 171-181.	0.2	84
8	Management of incidental durotomy in minimally invasive spine surgery. <i>Neurosurgical Focus</i> , 2011, 31, E15.	1.0	81
9	Posterior Minimally Invasive Approaches for the Cervical Spine. <i>Orthopedic Clinics of North America</i> , 2007, 38, 339-349.	0.5	72
10	Endoscopic Posterior Cervical Foraminotomy and Discectomy. <i>Neurosurgery Clinics of North America</i> , 2006, 17, 411-422.	0.8	69
11	Minimally invasive far lateral microendoscopic discectomy for extraforaminal disc herniation at the lumbosacral junction: cadaveric dissection and technical case report. <i>Spine Journal</i> , 2007, 7, 414-421.	0.6	65
12	Single-level anterior cervical discectomy and fusion versus minimally invasive posterior cervical foraminotomy for patients with cervical radiculopathy: a cost analysis. <i>Neurosurgical Focus</i> , 2014, 37, E9.	1.0	65
13	Midline Ventral Intradural Schwannoma of the Cervical Spinal Cord Resected via Anterior Corpectomy with Reconstruction: Technical Case Report and Review of the Literature. <i>Neurosurgery</i> , 2003, 52, 1482-1486.	0.6	58
14	ACR Appropriateness Criteria Management of Vertebral Compression Fractures. <i>Journal of the American College of Radiology</i> , 2014, 11, 757-763.	0.9	48
15	MINIMALLY INVASIVE POSTEROLATERAL THORACIC CORPECTOMY. <i>Neurosurgery</i> , 2009, 64, 746-753.	0.6	39
16	Minimally Invasive Approaches to Vertebral Column and Spinal Cord Tumors. <i>Neurosurgery Clinics of North America</i> , 2006, 17, 491-506.	0.8	38
17	Villous Hypertrophy versus Choroid Plexus Papilloma: A Case Report Demonstrating a Diagnostic Role for the Proliferation Index. <i>Pediatric Neurosurgery</i> , 2003, 39, 91-96.	0.4	37
18	Intramedullary Spinal Cord Tumors: Part II—Management Options and Outcomes. <i>Global Spine Journal</i> , 2016, 6, 176-185.	1.2	37

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19	Management of intended durotomy in minimally invasive intradural spine surgery. <i>Journal of Neurosurgery: Spine</i> , 2014, 21, 279-285.	0.9	35
20	Comparison of Anterior Cervical Discectomy and Fusion to Posterior Cervical Foraminotomy for Cervical Radiculopathy: Utilization, Costs, and Adverse Events 2003 to 2014. <i>Neurosurgery</i> , 2019, 84, 413-420.	0.6	33
21	Fusion rate following three- and four-level ACDF using allograft and segmental instrumentation: A radiographic study. <i>Journal of Clinical Neuroscience</i> , 2019, 62, 142-146.	0.8	32
22	Clinical experience using polyetheretherketone (PEEK) intervertebral structural cage for anterior cervical corpectomy and fusion. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 217-220.	0.8	27
23	Rapidly progressive quadriparesis heralding disseminated coccidioidomycosis in an immunocompetent patient. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 1049-1051.	0.8	26
24	Enhanced Recovery After Surgery Pathway for Single-Level Minimally Invasive Transforaminal Lumbar Interbody Fusion Decreases Length of Stay and Opioid Consumption. <i>Neurosurgery</i> , 2021, 88, 648-657.	0.6	26
25	MINIMALLY INVASIVE POSTERIOR OSTEOTOMIES. <i>Neurosurgery</i> , 2008, 63, A204-A210.	0.6	25
26	Minimally Invasive Surgery Strategies. <i>Neurosurgery Clinics of North America</i> , 2020, 31, 201-209.	0.8	25
27	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines on the Evaluation and Treatment of Patients With Thoracolumbar Spine Trauma: Radiological Evaluation. <i>Neurosurgery</i> , 2019, 84, E28-E31.	0.6	24
28	Perioperative Cost Analysis of Minimally Invasive vs Open Resection of Intradural Extramedullary Spinal Cord Tumors. <i>Neurosurgery</i> , 2016, 78, 531-539.	0.6	21
29	Inverted Mercedes Benz Sign in Lumbar Spinal Subdural Hematoma. <i>Journal of Emergency Medicine</i> , 2014, 47, 692-693.	0.3	18
30	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines on the Evaluation and Treatment of Patients With Thoracolumbar Spine Trauma: Timing of Surgical Intervention. <i>Neurosurgery</i> , 2019, 84, E53-E55.	0.6	18
31	Novel reconstruction of the anterior craniocervical junction using an expandable cage with integrated fixation after total C2 spondylectomy for chordoma. <i>Journal of Clinical Neuroscience</i> , 2016, 30, 157-160.	0.8	16
32	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines on the Evaluation and Treatment of Patients With Thoracolumbar Spine Trauma: Novel Surgical Strategies. <i>Neurosurgery</i> , 2019, 84, E59-E62.	0.6	15
33	Comparison of outcomes following minimally invasive and open posterior cervical foraminotomy: description of minimally invasive technique and review of literature. <i>Journal of Spine Surgery</i> , 2020, 6, 243-251.	0.6	15
34	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines on the Evaluation and Treatment of Patients with Thoracolumbar Spine Trauma: Executive Summary. <i>Neurosurgery</i> , 2019, 84, 2-6.	0.6	14
35	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines on the Evaluation and Treatment of Patients With Thoracolumbar Spine Trauma: Prophylaxis and Treatment of Thromboembolic Events. <i>Neurosurgery</i> , 2019, 84, E39-E42.	0.6	14
36	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines on the Evaluation and Treatment of Patients With Thoracolumbar Spine Trauma: Pharmacological Treatment. <i>Neurosurgery</i> , 2019, 84, E36-E38.	0.6	13

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37	Minimally invasive "separation surgery" plus adjuvant stereotactic radiotherapy in the management of spinal epidural metastases. <i>Journal of Craniovertebral Junction and Spine</i> , 2017, 8, 119.	0.4	13
38	A rare intramedullary spinal cord metastasis from uterine leiomyosarcoma. <i>Journal of Clinical Neuroscience</i> , 2013, 20, 1309-1312.	0.8	12
39	Benign Intradural and Paraspinal Nerve Sheath Tumors. <i>Neurosurgery Clinics of North America</i> , 2020, 31, 221-229.	0.8	12
40	Isolated spinal neurosarcoidosis: An enigmatic intramedullary spinal cord pathology-case report and review of the literature. <i>Journal of Craniovertebral Junction and Spine</i> , 2013, 4, 76.	0.4	11
41	Minimally Invasive Insertion of Syringosubarachnoid Shunt for Posttraumatic Syringomyelia: Technical Case Report. <i>Operative Neurosurgery</i> , 2007, 61, ONSE331-ONSE332.	0.4	10
42	Current Techniques in the Management of Cervical Myelopathy and Radiculopathy. <i>Neurosurgery Clinics of North America</i> , 2014, 25, 261-270.	0.8	10
43	Timing of Surgery After Cervical Spinal Cord Injury. <i>World Neurosurgery</i> , 2014, 82, e389-e390.	0.7	10
44	High cervical spinal subdural hemorrhage as a harbinger of craniocervical arteriovenous fistula: an unusual clinical presentation. <i>Spine Journal</i> , 2015, 15, e13-e17.	0.6	10
45	Nonunion Rates After Anterior Cervical Discectomy and Fusion: Comparison of Polyetheretherketone vs Structural Allograft Implants. <i>Neurosurgery</i> , 2021, 89, 94-101.	0.6	10
46	Surgical Management of Dissociated Motor Loss Following Complex Cervical Spine Reconstruction. <i>Spine</i> , 2004, 29, E56-E60.	1.0	9
47	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines on the Evaluation and Treatment of Patients with Thoracolumbar Spine Trauma: Surgical Approaches. <i>Neurosurgery</i> , 2019, 84, E56-E58.	0.6	9
48	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines on the Evaluation and Treatment of Patients with Thoracolumbar Spine Trauma: Operative Versus Nonoperative Treatment. <i>Neurosurgery</i> , 2019, 84, E50-E52.	0.6	9
49	Minimally invasive treatment of spinal dural arteriovenous fistula with the use of intraoperative indocyanine green angiography. <i>Neurosurgical Focus</i> , 2013, 35, Video5.	1.0	8
50	Electric shocks and weakness of the right hand in a young man: Hirayama disease. <i>Lancet, The</i> , 2019, 394, 684.	6.3	8
51	A retrospective comparison of radiographic and clinical outcomes in single-level degenerative lumbar disease undergoing anterior versus transforaminal lumbar interbody fusion. <i>Journal of Spine Surgery</i> , 2021, 7, 170-180.	0.6	8
52	Multilevel Minimally Invasive Lumbar Decompression: Clinical Efficacy and Durability to 2 Years. <i>International Journal of Spine Surgery</i> , 2021, 15, 795-802.	0.7	8
53	Patient Satisfaction Following Minimally Invasive and Open Surgeries for Adult Spinal Deformity. <i>World Neurosurgery</i> , 2021, 155, e301-e314.	0.7	8
54	Minimally Invasive Posterior Cervical Foraminotomy Versus Anterior Cervical Fusion and Arthroplasty: Systematic Review and Meta-Analysis. <i>Global Spine Journal</i> , 2022, 12, 1573-1582.	1.2	8

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55	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines on the Evaluation and Treatment of Patients With Thoracolumbar Spine Trauma: Hemodynamic Management. <i>Neurosurgery</i> , 2019, 84, E43-E45.	0.6	7
56	Patient Expectations of Adult Spinal Deformity Correction Surgery. <i>World Neurosurgery</i> , 2021, 146, e931-e939.	0.7	7
57	Changes in Segmental and Lumbar Lordosis After Lateral Lumbar Interbody Fusion With Different Lordotic Cage Angulations. <i>International Journal of Spine Surgery</i> , 2021, 15, 440-448.	0.7	7
58	The Future of Minimally Invasive Spine Surgery. <i>Neurosurgery</i> , 2013, 60, 13-19.	0.6	6
59	Intradural tumor recurrence after resection of extradural metastasis: a rare but potential complication of intraoperative durotomy. <i>Journal of Neurosurgery: Spine</i> , 2014, 20, 734-739.	0.9	6
60	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines on the Evaluation and Treatment of Patients With Thoracolumbar Spine Trauma: Neurological Assessment. <i>Neurosurgery</i> , 2019, 84, E32-E35.	0.6	5
61	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines on the Evaluation and Treatment of Patients With Thoracolumbar Spine Trauma: Nonoperative Care. <i>Neurosurgery</i> , 2019, 84, E46-E49.	0.6	5
62	Lumbar Spinal Stenosis. <i>JAMA - Journal of the American Medical Association</i> , 2022, 328, 310.	3.8	5
63	Spinal aneurysmal bone cyst presenting as acute paraparesis during pregnancy. <i>Journal of Clinical Neuroscience</i> , 2016, 28, 167-169.	0.8	4
64	Idiopathic thoracic transdural intravertebral spinal cord herniation. <i>Journal of Craniovertebral Junction and Spine</i> , 2017, 8, 288.	0.4	4
65	Letter to the Editor: Tubular retractor selection in minimally invasive spinal tumor resection. <i>Journal of Neurosurgery: Spine</i> , 2014, 20, 596-598.	0.9	3
66	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines on the Evaluation and Treatment of Patients With Thoracolumbar Spine Trauma: Classification of Injury. <i>Neurosurgery</i> , 2019, 84, E24-E27.	0.6	3
67	Clinicopathological Review: Cord Compression Secondary to a Lesion of the Cervical Spine in an 11-year-old Girl. <i>Neurosurgery</i> , 2004, 54, 934-938.	0.6	2
68	Preface. <i>Neurosurgery Clinics of North America</i> , 2006, 17, ix-x.	0.8	2
69	Radiation-induced spinal nerve root cavernous malformations as a rare cause of radiculopathy. <i>Neurology</i> , 2017, 89, 2299-2300.	1.5	2
70	Vascular Malformations of the Spinal Cord. , 2011, , 1642-1654.		2
71	Complete anterior-posterior minimally invasive thoracoscopic robotic-assisted and posterior tubular approach for resection of thoracic dumbbell tumor. <i>Journal of Craniovertebral Junction and Spine</i> , 2020, 11, 148.	0.4	2
72	Minimally invasive combined direct lateral and posterior transpedicular approach for 360° resection of a lumbar aneurysmal bone cyst with spinal stabilization. <i>Spine Journal</i> , 2015, 15, e37-e38.	0.6	1

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73	Clinical outcomes after 4- and 5-level Anterior Cervical Discectomy and Fusion for treatment of symptomatic multilevel cervical spondylosis.. World Neurosurgery, 2022, , .	0.7	1
74	Thoracic paraspinal lesion: question. Journal of Clinical Neuroscience, 2016, 25, 116.	0.8	0
75	In Reply: Image-Guided Navigation and Robotics in Spine Surgery. Neurosurgery, 2020, 87, E722.	0.6	0
76	Modifying Spinal Deformity Surgery for Patients With Significant Comorbid Conditions. Contemporary Spine Surgery, 2020, 21, 1-7.	0.2	0
77	Multiple Thoracic Spinal Lesions Causing Spinal Cord Compression Secondary to Multiple Myeloma in a Patient with Synchronously Diagnosed Renal Cell Carcinoma: Value of Lesional Biopsy!. Journal of Innovative Optical Health Sciences, 2018, 13, 949-950.	0.5	0